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<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	<u>WHO</u>	<u>WHEN</u>
Aquatic Species Management	<u>Goal A: Harvest aquatic plants.</u>		
	1. Machine harvest 30' wide channel around end of docks and from dock ends to middle to permit safe navigation and to improve aquatic habitat, but permit no no mechanical harvesting in areas between shoreline and ends of the boat docks.	Patrick Lake District WDNR	2006-2007
	2. Encourage hand-harvesting of aquatic plants of no more than 30' wide corridor (of each 100' of shore) for access & viewing on lakefront properties.	Patrick Lake District	2006-2011
	3. WDNR representative and a Patrick Lake District representative will together annually inspect harvesting operations.	WDNR Patrick Lake District	2008-2011
	4. Monitor aquatic plant community by surveys every 3 to 5 years.	Patrick Lake District Adams LWCD, WDNR	2008
	<u>Goal B: Control current invasive species (Eurasian Watermilfoil and Curly-leaf Pondweed) and prevent infestation by other exotic aquatics.</u>		
	1. Identify, map & spot-treat invasive species with species-specific chemicals.	Patrick Lake District	2007-2011
	2. Inventory lakefront property to identify existence of native weevils that eat Eurasian Watermilfoil.	JPatrick Lake District Adams LWCD, WDNR	2007
	3. Recruit, train & schedule group of volunteers to monitor lake for invasive species.	Patrick Lake District	2007
	4. Maintain educational exotic species signs at boat landing.	Patrick Lake District Adams County Parks	2006 - 2011
	5. Investigate installation of boat monitoring station at public ramp to wash off trailers/boats before & after entering Patrick Lake.	Patrick Lake District Adams County Parks	2008

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	<u>Goal C:</u> Protect sensitive areas from mechanical & chemical disturbances.		
	1. Identify and map sensitive areas within the lake	WNDR, Adams LWCD	2006
	2. Educate watershed land owners & lake users about sensitive areas.	Patrick Lake District	2008-2011
		Adams LWCD, WDNR	

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<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	<u>WHO</u>	<u>WHEN</u>
FISHERY & WILDLIFE MANAGEMENT			
	<u>Goal A: Maintain & improve fishery in Patrick Lake.</u>		
	1. Encourage installing and/or maintaining of shore buffers on lake to maintain or improve shallow water habitat.	Patrick Lake District Adams LWCD	2006-2011
	2. Create edge effect, if possible, for fish habitat by harvesting aquatic plant . channels in the lake	Patrick Lake District	2007 - 2010
	3. Seek funding for ongoing fish stocking and habitat increase.	Patrick Lake District	2007
	4. Encourage placement of downed trees in lake littoral zone to increase fish habitat.	Patrick Lake District	2007 - 2011
	5. Request WDNR to conduct an updated fish survey to evaluate fishery.	Patrick Lake District	2007
	6. Maintain aeration system to preserve oxygen levels in lake.	Patrick Lake District	annually
	<u>Goal B: Maintain predator fish population.</u>		
	1. Encourage catch & release of predator fish.	Patrick Lake District local citizens	ongoing
	2. Seek funding to stock predator fish such as walleyes & bass.	Patrick Lake District	2007
	<u>Goal C: Control Impact of Geese Population</u>		
	1. Develop & implement plan to control geese population in Patrick Lake & its impact on water quality & recreational use.	Patrick Lake District local citizens, WDNR	2007

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<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	<u>WHO</u>	<u>WHEN</u>
RECREATIONAL MANAGEMENT	<u>Goal A: Maintain recreational opportunities while maintaining peace and solitude and preserving safety of lake users.</u>		
	1. Work with Adams County for better enforcement of watercraft regulations.	Patrick Lake District	ongoing
	2. Maintain sign at boat ramp for safe use of lake.	Patrick Lake District	ongoing
	3. Calculate boat carrying capacity for Patrick Lake and develop plan to reduce boat traffic and/or boat size to meet the safe carrying capacity goal.	Patrick Lake District Adams County LWCD	2008
	4. Request Adams County Parks Department and its governing committee in repairing the public boat ramp to increase safety of launching boats there and reduce amount of scouring erosion currently occurring due to poor condition of boat ramp.	Patrick Lake District Adams County Parks Parks Committee	2007
	5. Work with Adams County Parks Department to improve park & swimming area.	Patrick Lake District Adams County Parks Parks Committee	ongoing
	<u>Goal B: Incorporate the goals of the general public into the lake management plan.</u>		
	1. Conduct public users survey to identify important management issues. Surveys and dropboxes will be located at boat launches for one year, at resorts & campgrounds, and at local businesses.	Patrick Lake District	2007
	2. Using this information, determine if and how to address these goals in the lake management plan and send information in tax bills.	Patrick Lake District WDNR Adams County LWCD	2008

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<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	<u>WHO</u>	<u>WHEN</u>
Water Quantity	<u>Goal A:</u> Increase Water Level of Patrick Lake		
	1. Request that WDNR send its lake specialist & other experts to the lake to evaluate the lake's water level fluctuations.	Patrick Lake District Adams County LWCD	2006
	1. Create map locating springs that feed the lake & inspect each spring to determine if it is functioning properly & obtain funding to repair any that are not properly functioning.	Patrick Lake District WDNR Adams County LWCD	2007
	3. Identify areas of lake that need increased water depth & obtaining funding for dredging project for water quality and public safety.	Patrick Lake District WDNR	2007
	4. Determine location of high capacity wells that may be reducing water level of aquifer feeding Patrick Lake.	Adams LWCD	2006-2007
	5. Support WDNR groundwater study.	Patrick Lake District	ongoing

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<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	<u>WHO</u>	<u>WHEN</u>
Water Quality	<u>Goal A: Maintain present water quality & reduce algal blooms.</u>		
	1. Develop & train group of volunteers to monitor lake water quality with participation in the DNR Self-Help Monitoring Program.	Adams LWCD, WDNR Patrick Lake District	2007
	2. Monitor water quality by testing for clarity, chlorophyll a, & total phosphorus and compare to 2004-2006 water quality data collected by Adams County LWCD.	Adams LWCD DNR self-help program Patrick Lake District	2006-2011
	3. Seek funding to purchase of undeveloped property at west end of lake and convert it to permanent conservation easement.	Adams LWCD, WDNR Patrick Lake District	2007-2008
	4. Promote voluntary restrictions on boat motors that don't meet the 2006 EPA guidelines for non-pollution of waters.	Patrick Lake District	annually
	<u>Goal B: Regulate pre-1992 private waste systems & develop plans for regular inspection & pumping.</u>		
	1. Inventory & map septic systems in the watershed to determine those private waste systems not covered by Wisconsin Comm 83.	Patrick Lake District	2008
	2. Develop & implement plan for regular inspection & pumping of pre-1992 private waste systems.	Patrick Lake District	2009

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	<u>Goal C:</u> Educate community and public about ways to improve water quality.		
	1. Establish computer website for education and information sharing about lake & lake activities.	Patrick Lake District	2006
	2. Develop Lake District Website and publish education information on it and in a bi-annual newsletter.	Patrick Lake District	annually
	3. Update and/or place informational signs at all public access sites about actions citizens can take to improve/maintain water quality.	Patrick Lake District	2007
	4. Develop & distribute an informational packet regarding lake laws and best management practices to watershed citizens and businesses.	Adams LWCD Patrick Lake District	2006-2007
	5. Educate lakefront property owners about not using fertilizers or chemicals within 200' of the water by fact sheets distribution.	Patrick Lake District	annually
	6. Participate in the Wisconsin Association of Lakes to get information about similar lakes, then contact those lakes to gain information about how they handle water quality issues.	Patrick Lake District	ongoing
	6. Participate in county-wide Lake Advisory Group for Adams County.	Patrick Lake District	annually
	<u>Goal D:</u> Restore natural shore conditions in riparian areas & incorporate stormwater runoff protection.		
	1. Contact landowners about design & installation of best management practices for voluntary shore restoration & stormwater runoff.	Patrick Lake District Adams LWCD	2005-2006
	2. Obtain funding to assist in installation of shore restoration & runoff best management practices.	Patrick Lake District Adams LWCD, WNDP	annually

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